

## SCITECH

File 2:INSPEC 1969-2004/Dec W1  
 (c) 2004 Institution of Electrical Engineers  
 File 6:NTIS 1964-2004/Dec W1  
 (c) 2004 NTIS, Intl Cpyrght All Rights Res  
 File 8:Ei Compendex(R) 1970-2004/Dec W1  
 (c) 2004 Elsevier Eng. Info. Inc.  
 File 34:SciSearch(R) Cited Ref Sci 1990-2004/Dec W2  
 (c) 2004 Inst for Sci Info  
 File 35:Dissertation Abs Online 1861-2004/Nov  
 (c) 2004 ProQuest Info&Learning  
 File 65:Inside Conferences 1993-2004/Dec W2  
 (c) 2004 BLDSC all rts. reserv.  
 File 94:JICST-EPlus 1985-2004/Nov W1  
 (c)2004 Japan Science and Tech Corp(JST)  
 File 95:TEME-Technology & Management 1989-2004/Jun W1  
 (c) 2004 FIZ TECHNIK  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Nov  
 (c) 2004 The HW Wilson Co.  
 File 144:Pascal 1973-2004/Dec W1  
 (c) 2004 INIST/CNRS  
 File 233:Internet & Personal Comp. Abs. 1981-2003/Sep  
 (c) 2003 EBSCO Pub.  
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
 (c) 1998 Inst for Sci Info  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
 (c) 2002 The Gale Group  
 File 603:Newspaper Abstracts 1984-1988  
 (c)2001 ProQuest Info&Learning  
 File 483:Newspaper Abs Daily 1986-2004/Dec 16  
 (c) 2004 ProQuest Info&Learning  
 File 248:PIRA 1975-2004/Dec W1  
 (c) 2004 Pira International

Set	Items	Description
S1	70	MINIPORT?? OR MINI(P)ORT??
S2	63378	TRANSCOD? OR ENCAPSULATE? OR FORMAT(3N)(CONVER???? OR CHAN- G? OR EDIT? OR ALTER? OR ADJUST?)
S3	1926	S2(3N)(PERFORM? OR PROCESS?)
S4	1328	AU=(LIEBERMAN, B? OR FRIES, R? OR LIEBERMAN B? OR FRIES R?)
S5	7285	WEBTV OR (WEB OR INTERNET)(3N)(TV OR TELEVISION??)
S6	0	S1 AND S3
S7	0	S1 AND S2
S8	0	S1 AND S5
S9	0	S1 AND S4
S10	20	S2 AND S5
S11	0	S10 AND PORT???
S12	8	S10 NOT PY=>2001
S13	6	RD S12 (unique items)

13/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6990949 INSPEC Abstract Number: B2001-09-6135-097

**Title: Towards an optimal television display format**

**Author(s):** Bellers, E.B.; de Haan, G.

**Author Affiliation:** Video Process. & Image Perception Group Prof.  
 Holstlaan 4, Philips Res. Lab., Eindhoven, Netherlands

Conference Title: Proceedings 2000 International Conference on Image Processing (Cat. No.00CH37101) Part vol.1 p.749-52 vol.1  
Publisher: IEEE, Piscataway, NJ, USA  
Publication Date: 2000 Country of Publication: USA 3  
vol.(Ixxviii+1027+957+1000) pp.  
ISBN: 0 7803 6297 7 Material Identity Number: XX-1999-03584  
U.S. Copyright Clearance Center Code: 0 7803 6297 7/2000/\$10.00  
Conference Title: Proceedings of 7th IEEE International Conference on Image Processing  
Conference Sponsor: IEEE Signal Process. Soc  
Conference Date: 10-13 Sept. 2000 Conference Location: Vancouver, BC, Canada  
Language: English  
Subfile: B  
Copyright 2001, IEE  
Abstract: The techniques for video **format conversion** have reached a maturity, where they no longer prohibit application in the consumer domain because...

... same pixel frequency, obtained from a subjective assessment of critical image material originated either for **television** , or obtained from **Internet** pages.

...Identifiers: video **format conversion** ;

13/3,K/2 (Item 1 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

05788292 E.I. No: EIP01025536797  
**Title: Comparative studies of data broadcasting**  
Author: Sariowan, Henry  
Corporate Source: Tiernan Communications, Inc, San Diego, CA, USA  
Source: SMPTE Journal v 109 n 12 Dec 2000. p 949-952  
Publication Year: 2000  
CODEN: SMPJDF ISSN: 0036-1682  
Language: English

...Abstract: the internet by examining differences between them, as well as discussing the issues related to **format conversion** and simultaneous broadcasting. (Author abstract) 16 Refs.

Descriptors: \***Televisio** n broadcasting; **Television** standards;  
**Internet** ; Digital **television** ; Telecommunication services

13/3,K/3 (Item 1 from file: 583)  
DIALOG(R)File 583: Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

09402335  
BEC to invest B200m on move into digital era  
THAILAND: BEC WORLD TO GO DIGITAL  
The Nation (XBO) 13 Nov 2000 Online  
Language: ENGLISH

... will produce digital content. A new subsidiary, BEC Multimedia, will oversee the investment and the **conversion** to digital **format** . Once content is digitalised, BEC World aims to sell it to mobile phone service providers, interactive **television** concerns and **Internet** service providers (ISPs). Separately, it has also set up BECI to look after its Internet...

13/3,K/4 (Item 1 from file: 483)  
DIALOG(R)File 483:Newspaper Abs Daily  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

05351104

**Change Runs Across the Spectrum**

Kirk, Jim

Chicago Tribune, Sec 3, p 2, col 1

Dec 24, 1998

ISSN: 1085-6706 NEWSPAPER CODE: CT

DOCUMENT TYPE: Commentary; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

...ABSTRACT: TV scene in the coming year as broadcasting continues to face the realities of cable TV, satellite TV, the Internet and everything else out there vying for the eyes and ears of Chicagoans. **Format changes**, marketing efforts and new on-air talent are likely to show up during the new...

13/3,K/5 (Item 2 from file: 483)  
DIALOG(R)File 483:Newspaper Abs Daily  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

05234951

**Intel, Ad Age to Sell Peeks at New Spots**

Beatty, Sally

Wall Street Journal, Sec B, p 6, col 3

Oct 7, 1998

ISSN: 0099-9660 NEWSPAPER CODE: WSJ

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

...ABSTRACT: the ads from advertisers seeking publicity in the magazine's weekly edition. Commercials will be **converted** into a digital **format** to allow lightning-fast delivery. In a recent demonstration at Ad Age's midtown Manhattan...

...VCR dubs. Also available is access to information about the people behind the various print, **television** and **Internet** ads.

13/3,K/6 (Item 1 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2004 Pira International. All rts. reserv.

00583109 Pira Acc. Num.: 20181809

**Title: How we shall print after 2001**

Authors: Marti J

Source: Viscom Print Commun. vol. 3, no. 22, 21 Nov. 2000, pp 42-44

Publication Year: 2000

Document Type: Journal Article

Language: German

...Abstract: comprised USD1336bn. Print media, with USD375bn, held 28% of the market, well ahead of radio, **television** and the **Internet**, and its prospects remain good. Ways to keep abreast of changing markets are suggested. Printers...

... KBA and Scitex is described, together with the KBA Cortina, a very compact newspaper press. **Conversely** , large **format** is also making a come-back, and hybrid inks are simplifying working with ultra-violet...

## PATENTS

File 344:Chinese Patents Abs Aug 1985-2004/May

(c) 2004 European Patent Office

File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200481

(c) 2004 Thomson Derwent

Set	Items	Description
S1	21	MINI()PORT?? OR MINI()PORT??
S2	44926	TRANSCOD? OR ENCAPSULATE? OR FORMAT(3N)(CONVER???? OR CHAN- G? OR EDIT? OR ALTER? OR ADJUST?)
S3	1836	S2(3N)(PERFORM? OR PROCESS?)
S4	99	AU=(LIEBERMAN, B? OR FRIES, R? OR LIEBERMAN B? OR FRIES R?)
S5	2754	WEBTV OR (WEB OR INTERNET)(3N)(TV OR TELEVISION??)
S6	0	S1 AND S3
S7	1	S1 AND S4
S8	0	S1 AND S5
S9	1	S1 AND S2
S10	1	S9 NOT S7

7/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

013400471 \*\*Image available\*\*

WPI Acc No: 2000-572409/200053

XRPX Acc No: N00-423448

**Tuning method for system handling different broadcast channel types, involves storing service records of tuning information, for categorization, reception and tuning to channel corresponding to selected record**

Patent Assignee: WEBTV NETWORKS INC (WEBT-N)

Inventor: **FRIES R M ; LIEBERMAN B L**

Number of Countries: 091 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
-----------	------	------	-------------	------	------	------

WO 200055970	A2	20000921	WO 2000US7139	A	20000317	200053 B
--------------	----	----------	---------------	---	----------	----------

AU 200038956	A	20001004	AU 200038956	A	20000317	200101
--------------	---	----------	--------------	---	----------	--------

Priority Applications (No Type Date): US 2000125013 A 20000316; US 99125013

P 19990318

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200055970	A2	E	34	H03J-001/00	
--------------	----	---	----	-------------	--

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH

CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE

KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW  
AU 200038956 A H03J-001/00 Based on patent WO 200055970

Inventor: **FRIES R M ...**

**... LIEBERMAN B L**

Abstract (Basic):

... BDS miniport (110...

?

**10/3,K/1 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015892758 \*\*Image available\*\*

WPI Acc No: 2004-050593/200405

XRPX Acc No: N04-040857

**Small component system interface peripheral device accessing method,  
involves detecting presence of translation adapter by examining network  
through interface miniport device, and transmitting protocol packet  
through network**

Patent Assignee: ADAPTEC INC (ADAP-N)

Inventor: DING Y J; KWAN T G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

US 6658459 B1 20031202 US 9832364 A 19980227 200405 B

Priority Applications (No Type Date): US 9832364 A 19980227

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 6658459 B1 21 G06F-015/16

**... peripheral device accessing method, involves detecting presence of  
translation adapter by examining network through interface miniport  
device, and transmitting protocol packet through network**

Abstract (Basic):

... of a remote translation adapter is detected by examining a  
network through a virtual SCSI miniport device. The SCSI request is  
encapsulated in a TCP/IP packet. The packet is transmitted through a  
network adapter in a...

FOREIGN PATENTS FULLTEXT

File 348:EUROPEAN PATENTS 1978-2004/Dec W02

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20041209,UT=20041202

(c) 2004 WIPO/Univentio

Set Items Description

S1 83 MINIPORT?? OR MINI()PORT??

S2 77069 TRANSCOD? OR ENCAPSULATE? OR FORMAT(3N)(CONVER???? OR CHAN-  
G? OR EDIT? OR ALTER? OR ADJUST?)  
S3 3947 S2(3N)(PERFORM? OR PROCESS?)  
S4 78 AU=(LIEBERMAN, B? OR FRIES, R? OR LIEBERMAN B? OR FRIES R?)  
S5 4638 WEBTV OR (WEB OR INTERNET)(3N)(TV OR TELEVISION??)  
S6 0 S1(10N)S3  
S7 1 S1 AND S4  
S8 1 S1 AND S4  
S9 1 S7 OR S8

9/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00742590 \*\*Image available\*\*

**A SYSTEM AND METHOD FOR EFFICIENTLY TUNING TO CHANNELS WHERE A VARIETY OF  
DIFFERENT BROADCAST TRANSMISSION TYPES IS BEING USED**  
**SYSTEMES ET PROCEDES POUR LE REGLAGE EFFICACE SUR DES CANAUX UTILISANT UNE  
VARIETE DE TYPES DIFFERENTS DE RADIODIFFUSION**

Patent Applicant/Assignee:

WEBTV NETWORKS INC, 1065 La Avenida Avenue, Mountain View, CA 94025, US,  
US (Residence), US (Nationality)

Inventor(s):

**LIEBERMAN Bruce L**, 2408 131st Place NE, Bellevue, WA 98005, US,  
**FRIES Robert M**, 16530 NE 122nd, Redmond, WA 98052, US

Legal Representative:

NYDEGGER Rick D (et al) (agent), Workman, Nydegger & Seeley, 1000 Eagle  
Gate Tower, 60 East South Temple, Salt Lake City, UT 84111, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200055970 A2-A3 20000921 (WO 0055970)  
Application: WO 2000US7139 20000317 (PCT/WO US0007139)  
Priority Application: US 99125013 19990318

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10659

Inventor(s):

**LIEBERMAN Bruce L** ...

... **FRIES Robert M**

Fulltext Availability:

Claims

Claim

... c160

APPLICATIO

c 82

8 DISPLAY

BOS

PRESENTER MODULE 6 0  
TRANSPORT MODULE 50  
BOS MINIPORT MODULE -40  
BDS SOURCE MODULE 30  
TELEVISION BROADCAST 80

#### BUISNESS FULLTEXT FILES

File 9:Business & Industry(R) Jul/1994-2004/Dec 16  
(c) 2004 The Gale Group  
File 15:ABI/Inform(R) 1971-2004/Dec 17  
(c) 2004 ProQuest Info&Learning  
File 16:Gale Group PROMT(R) 1990-2004/Dec 17  
(c) 2004 The Gale Group  
File 20:Dialog Global Reporter 1997-2004/Dec 17  
(c) 2004 The Dialog Corp.  
File 47:Gale Group Magazine DB(TM) 1959-2004/Dec 17  
(c) 2004 The Gale group  
File 75:TGG Management Contents(R) 86-2004/Nov W4  
(c) 2004 The Gale Group  
File 80:TGG Aerospace/Def.Mkts(R) 1982-2004/Dec 17  
(c) 2004 The Gale Group  
File 88:Gale Group Business A.R.T.S. 1976-2004/Dec 15  
(c) 2004 The Gale Group  
File 98:General Sci Abs/Full-Text 1984-2004/Sep  
(c) 2004 The HW Wilson Co.  
File 112:UBM Industry News 1998-2004/Jan 27  
(c) 2004 United Business Media  
File 141:Readers Guide 1983-2004/Sep  
(c) 2004 The HW Wilson Co  
File 148:Gale Group Trade & Industry DB 1976-2004/Dec 17  
(c)2004 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2004/Dec 17  
(c) 2004 The Gale Group  
File 264:DIALOG Defense Newsletters 1989-2004/Dec 17  
(c) 2004 The Dialog Corp.  
File 484:Periodical Abs Plustext 1986-2004/Dec W2  
(c) 2004 ProQuest  
File 553:Wilson Bus. Abs. FullText 1982-2004/Sep  
(c) 2004 The HW Wilson Co  
File 570:Gale Group MARS(R) 1984-2004/Dec 17  
(c) 2004 The Gale Group  
File 608:KR/T Bus.News. 1992-2004/Dec 17  
(c)2004 Knight Ridder/Tribune Bus News  
File 620:EIU:Viewswire 2004/Dec 16  
(c) 2004 Economist Intelligence Unit  
File 613:PR Newswire 1999-2004/Dec 17  
(c) 2004 PR Newswire Association Inc  
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Dec 17  
(c) 2004 The Gale Group  
File 623:Business Week 1985-2004/Dec 17  
(c) 2004 The McGraw-Hill Companies Inc  
File 624:McGraw-Hill Publications 1985-2004/Dec 17  
(c) 2004 McGraw-Hill Co. Inc  
File 634:San Jose Mercury Jun 1985-2004/Dec 16  
(c) 2004 San Jose Mercury News  
File 635:Business Dateline(R) 1985-2004/Dec 17  
(c) 2004 ProQuest Info&Learning

File 636:Gale Group Newsletter DB(TM) 1987-2004/Dec 17  
 (c) 2004 The Gale Group  
 File 647:CMP Computer Fulltext 1988-2004/Dec W1  
 (c) 2004 CMP Media, LLC  
 File 696:DIALOG Telecom. Newsletters 1995-2004/Dec 17  
 (c) 2004 The Dialog Corp.  
 File 674:Computer News Fulltext 1989-2004/Nov W4  
 (c) 2004 IDG Communications  
 File 810:Business Wire 1986-1999/Feb 28  
 (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
 (c) 1999 PR Newswire Association Inc  
 File 587:Jane's Defense&Aerospace 2004/Dec W1  
 (c) 2004 Jane's Information Group

Set	Items	Description
S1	1070	MINI(OR)PORT?? OR MINI(OR)PORT??
S2	172628	TRANSCOD? OR ENCAPSULATE? OR FORMAT(3N)(CONVER???? OR CHAN- G? OR EDIT? OR ALTER? OR ADJUST?)
S3	4281	S2(3N)(PERFORM? OR PROCESS?)
S4	261	AU=(LIEBERMAN, B? OR FRIES, R? OR LIEBERMAN B? OR FRIES R?)
S5	280445	WEBTV OR (WEB OR INTERNET)(3N)(TV OR TELEVISION??)
S6	0	S1 AND S3
S7	0	S1(S)S5
S8	0	S1 AND S4
S9	3	S1(S)S2
S10	3	RD S9 (unique items)

**10/3,K/1 (Item 1 from file: 647)**

DIALOG(R)File 647:CMP Computer Fulltext  
 (c) 2004 CMP Media, LLC. All rts. reserv.

01024280 CMP ACCESSION NUMBER: WIN19940101S4050  
**A Tale of Two Cities: Chicago and Cairo** (Programming Windows)  
 Martin Heller  
 WINDOWS MAGAZINE, 1994, n 501 , 311  
 PUBLICATION DATE: 940101  
 JOURNAL CODE: WIN LANGUAGE: English  
 RECORD TYPE: Fulltext  
 SECTION HEADING: How To  
 WORD COUNT: 2257

... I suspect Chicago will also support some types of Win32 drivers,  
 such as the SCSI **miniport** drivers. I don't know how much support there  
 will be for 16-bit device...

...0), the Borland Object Windows Library (OWL 2.0) or another set of  
 classes that **encapsulates** the differences between Win16 and Win32.  
 Rewriting your code to use C++ and classes will...

**10/3,K/2 (Item 1 from file: 696)**

DIALOG(R)File 696:DIALOG Telecom. Newsletters  
 (c) 2004 The Dialog Corp. All rts. reserv.

00596324

**Manufacturers Will Ante Up To Adopt 1394**  
 MULTIMEDIA MONITOR  
 March 1, 1998 VOL: 16 ISSUE: 3 DOCUMENT TYPE: NEWSLETTER  
 PUBLISHER: PHILLIPS BUSINESS INFORMATION



LANGUAGE: ENGLISH      WORD COUNT: 549      RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...is likley to create a niche market.

Windows 98 will include bus-class drivers and **mini ports** to support particular chips (which were not included in Windows 95), but it will not...

...drivers necessary to support software that works in conjunction with peripherals. Windows 98 will include **mini ports** to support Adaptec's 5800 chip, Texas Instrument Inc.'s [TXN] Lynx chips and silicon Microsystems Inc. [CUBE] are working on a **transcoder** that will convert DV into MPEG-2, and Creative may build an analogous product for...

10/3,K/3 (Item 2 from file: 696)

DIALOG(R)File 696:DIALOG Telecom. Newsletters

(c) 2004 The Dialog Corp. All rts. reserv.

00594144

**1394 Software and Driver Support Will Force Hardware Vendors to Look Beyond Microsoft for Expertise**

MULTIMEDIA WEEK

March 4, 1998    VOL: 7    ISSUE: 9    DOCUMENT TYPE: NEWSLETTER

PUBLISHER: PHILLIPS BUSINESS INFORMATION

LANGUAGE: ENGLISH      WORD COUNT: 587      RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...is likley to create a niche market.

Windows 98 will include bus-class drivers and **mini ports** to support particular chips (which were not included in Windows 95), but it will not...

...drivers necessary to support software that works in conjunction with peripherals. Windows 98 will include **mini ports** to support Adaptec's 5800 chip, Texas Instrument Inc.'s [TXN] Lynx chips and silicon...peripheral market in audio.

Adaptec and C-Cube Microsystems Inc. [CUBE] are working on a **transcoder** that will convert DV into MPEG-2, and Creative may build an analogous product for...

?